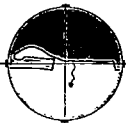
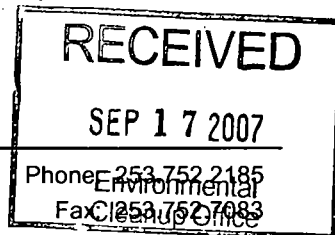


POINT RUSTON



ASPSF
19.3.20.1 V2



5219 N. Shirley St., Suite 100
Tacoma, WA 98407

September 14, 2007

Mr. Kevin L. Rochlin
Remedial Project Manager
U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue, ECL-111
Seattle, WA 98101

RE: Monthly Report: No. 135, August 2007
Operable Unit No. 02
Asarco Tacoma Smelter Site

Dear Mr. Rochlin:

Point Ruston is submitting this monthly report per the requirements of paragraph 48 of the Consent Decree for the above referenced site. Point Ruston will continue to provide monthly reports to EPA for the site organized in the same manner as previous reports prepared by Asarco to follow item (a) through (g) of this paragraph.

If you have any questions, please call me.

Sincerely,

Sue O'Neill
Site Manager

Attachment (4 copies)

cc: Chung Ki Yee - Washington Department of Ecology
Evan Griffiths - CH2MHill (2 copies)
Richard Kauffman - ATSDR c/o U.S. EPA Region 10
Leslie Ann Rose - Citizens for a Healthy Bay



Monthly Report No. 135, August 2007

Operable Unit 02

Asarco Tacoma Smelter Site

A. Actions taken to achieve compliance with the Consent Decree during the previous month.

1. A regular monthly design review meeting was not held in August.
2. Amendments to Asarco's final Upland Remediation Design (September 2006) are being prepared consistent with the Second Amendment to the Consent Decree.
3. Remedial Action activities continued.

B. Summary of sampling, tests, and all other data received or generated by Point Ruston in the previous month.

1. Outfall activities including the following:

Section 2.3 of the Final Statement of Work (SOW) for Remedial Design and Remedial Action – Exhibit F to the Second Amendment requires Point Ruston to continue outfall monitoring. Outfalls will be monitored to determine if the monthly average surface water outfall concentrations for arsenic, copper, and zinc exceed 0.5 ppm at the North and South site outfalls until they are abandoned.

Weekly composite samples will be collected at each outfall during the construction season. During the winter season, outfall samples will be collected every other month. Asarco began the following schedule in May of 2003 which Point Ruston will continue to implement: weekly composite samples will be collected from May-October, and in December, February, and April.

Monthly averages and individual results for samples collected by Point Ruston in July are attached. There was no exceedance of the interim discharge limits.

2. Point Ruston collects OCF leachate in a 5,000 gallon polyethylene tank for offsite shipment and disposal. LCRS and LDCRS volumes are monitored weekly in accordance with the draft OCF OMMP. LCRS volumes currently average approximately 209 gallons per day on the LCRS. Point Ruston shipped 4,650 gallons of leachate (4.5 ppm results attached) on August 23, 2007.
3. Point Ruston completes air monitoring at the perimeter of Stack Hill during stack base demo operations. Results of samples collected from July 23rd through August 16th are attached. There were no exceedances.

C. Work Plans and other deliverables completed and submitted during the previous month.

1. No comments were received from EPA during the month of August.

2. Remedial Action during August included the following tasks:

- OCF construction activities:
 - Maintained leachate collection system and shipped leachate for offsite treatment as necessary to maintain adequate storage capacity in the temporary storage tank.
- Stack Hill construction activities:
 - Maintained erosion and surface water controls
 - Completed post-remediation sampling by lot and preparation of post-remediation maps
 - Air monitoring
- Site Capping construction activities:
 - Continued concrete sorting and sizing
 - Placed residential soils and Stack Hill soils as subgrade
 - Maintained erosion and surface water controls
- Site-wide remediation activities:
 - Continued surface water controls
 - Maintained haul roads and stockpiles onsite

D. Actions scheduled for the next six weeks.

1. Point Ruston anticipates receiving comments from EPA on the Construction Management Plan, Construction Quality Assurance Plan and Performance Standards Verification Plan submitted to EPA on June 22nd.
2. The following Remedial Action tasks are planned to continue:
 - RA Monitoring:
 - Outfall sampling (weekly composite samples) during scheduled months
 - OCF construction activities:
 - Continue collection of leachate for offsite disposal
 - Continue monitoring of leachate volumes
 - Stack Hill construction activities:
 - Erosion controls and site maintenance
 - Site Capping construction activities:
 - Continue to place subgrade at the site
 - Sort concrete and place residential soils on lower site.
 - Site-wide construction activities:
 - Continue surface water controls
 - Maintain roads and stockpiles onsite

E. Percentage completion, unresolved delays encountered or anticipated that may affect schedule, and efforts to mitigate delays.

1. Point Ruston Remediation Design is under revision based on comments from EPA.

Monthly Report No. 135, August 2007

Operable Unit 02

Asarco Tacoma Smelter Site

F. Modifications to work plans or schedules proposed to or approved by EPA.

1. The Second Amendment to the Consent Decree was finalized and the sale of the property to Point Ruston LLC completed on October 31, 2006.

G. Activities undertaken to support Community Relations Plan during the previous month and planned for the next four weeks.

1. Point Ruston attends the Town of Ruston's Town Council meetings routinely to answer question or give briefings regarding the status of RA and development planning activities (1st and 3rd Monday of each month).
2. Point Ruston is working with the City of Tacoma on development plans which incorporate remediation components for the site.
3. Point Ruston is working with MetroParks to incorporate the capping component into the Peninsula Park design.
4. Point Ruston meets with the Town of Ruston, City of Tacoma and MetroParks to address operation, maintenance, and monitoring issues at the site.

Table 1. Summary of August 2007 Outfall Data for As, Cu, and Zn Compared to SOW Limit

Location	As Conc. ppm	% of SOW Limit*	Cu Conc. ppm	% of SOW Limit*	Zn Conc. ppm	% of SOW Limit*
South Outfall	0.034	6.80%	0.000	0.00%	0.000	0.00%
North Outfall	0.049	9.80%	0.048	9.50%	0.008	1.50%

* 0.5 ppm is the limit of As, Cu, and Zn allowed as documented in the SOW.

Non-detect = 0.000



LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter OCF Leachate
Lab ID: B07081004-001
Client Sample ID: TSM080709

Report Date: 08/14/07
Collection Date: 08/09/07 12:30
Date Received: 08/10/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	4.5	mg/L		0.1		E200.7	08/13/07 19:39 / rh

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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AUG 16 2007

08/14/2007

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring/Stack Hill
Date Received: 07/31/2007
Spectra Project: 2007070428

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
072307-181	1	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/23/2007
072307-333	2	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/23/2007
072307-719	3	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/23/2007
072407-181	4	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/24/2007
072407-719	5	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/24/2007
072407-333	6	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/24/2007
072507-181	7	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/25/2007
072507-333	8	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/25/2007
072507-719	9	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/25/2007
072607-181	10	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/26/2007
072607-719	11	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/26/2007
072607-333	12	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/26/2007

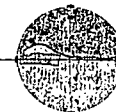
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Steve Hibbs, Laboratory Manager

a8/scj

CHAIN OF CUSTODY RECORD

POINT
RUSTON5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

2007070428

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS		REMARKS											
AIR MONITORING		POINT RUSTON, LLC (STACK HILL)															
SAMPLERS: (Signature)		TIM R															
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER												
7/23/07	49TH				072307-181	1	✓										
7/23/07	COURT				072307-333	1	✓										
7/23/07	COMM				072307-719	1	✓										
7/24/07	49TH				072407-181	1	✓										
7/24/07	COURT				072407-719	1	✓										
7/24/07	COMM				072407-333	1	✓										
7/25/07	49TH				072507-181	1	✓										
7/25/07	COURT				072507-333	1	✓										
7/25/07	COMM				072507-719	1	✓										
7/26/07	49TH				072607-181	1	✓										
7/26/07	COURT				072607-719	1	✓										
7/26/07	COMM				072607-333	1	✓										
Relinquished: (Signature)		Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other _____ Air Bill # _____									
TIM R		7-31-07 1:42		Marie Holt													
Relinquished (Signature)		Date/Time		Received by: (Signature)		Remarks											
Relinquished (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time		Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter									
Split Samples: [] Accepted [] Declined _____ Signature																	



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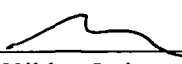
08/14/2007

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring/Stack Hill
Date Received: 08/06/2007
Spectra Project: 2007080077

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
073007-181	1	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/30/2007
073007-719	2	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/30/2007
073007-333	3	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/30/2007
073107-181	4	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/31/2007
073107-719	5	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/31/2007
073107-333	6	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	07/31/2007
080107-181	7	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/01/2007
080107-719	8	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/01/2007
080107-333	9	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/01/2007
080207-181	10	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/02/2007
080207-719	11	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/02/2007
080207-333	12	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/02/2007
080307-181	13	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/03/2007
080307-719	14	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/03/2007

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Steve Hibbs, Laboratory Manager
a8/scj



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08/14/2007

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring/Stack Hill
Date Received: 08/06/2007
Spectra Project: 2007080077

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
080307-333	15	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/03/2007

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Steve Hibbs, Laboratory Manager
a8/scj

CHAIN OF CUSTODY RECORD

2007020077

POINT
RUSTON5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS		REMARKS														
AIR MONITORING		POINT RUSTON, LLC (STACK HILL)																		
SAMPLERS' (Signature)																				
Tim R.																				
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER															
7/30/07	49TH				073007-181	1	✓													
7/30/07	COURT				073007-719	1	✓													
7/30/07	COMM				073007-333	1	✓													
7/31/07	49TH				073107-181	1	✓													
7/31/07	COURT				073107-719	1	✓													
7/31/07	COMM				073107-333	1	✓													
8/1/07	49TH				080107-181	1	✓													
8/1/07	COURT				080107-719	1	✓													
8/1/07	COMM				080107-333	1	✓													
8/2/07	49TH				080207-181	1	✓													
8/2/07	COURT				080207-719	1	✓													
8/2/07	COMM				080207-333	1	✓													
8/3/07	49TH				080307-181	1	✓													
8/3/07	COURT				080307-719	1	✓													
8/3/07	COMM				080307-333	1	✓													
Relinquished (Signature)			Date/Time			Received by: (Signature)			Lab			Shipped via: FedEx, UPS or Other _____ Air Bill # _____								
Tim R.			8/6/07 12:48																	
Relinquished (Signature)			Date/Time			Received by: (Signature)			Remarks											
Relinquished (Signature)			Date/Time			Received for Laboratory by: (Signature)			Date/Time			Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter								
Split Samples: <input type="checkbox"/> Accepted <input type="checkbox"/> Declined _____ Signature																				



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AUG 30 2007

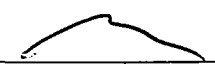
08/27/2007

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring/Stack Hill
Date Received: 08/16/2007
Spectra Project: 2007080246

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
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080607-719	2	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/06/2007
080607-333	3	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/06/2007
080707-181	4	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/07/2007
080707-719	5	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/07/2007
080707-333	6	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/07/2007
080807-181	7	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/08/2007
080807-719	8	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/08/2007
080807-333	9	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/08/2007
080907-181	10	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/09/2007
080907-333	11	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/09/2007
080907-719	12	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/09/2007
081007-181	13	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/10/2007
081007-719	14	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/10/2007

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Steve Hibbs, Laboratory Manager

a8/scj



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08/27/2007

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring/Stack Hill
Date Received: 08/16/2007
Spectra Project: 2007080246

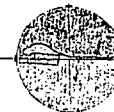
<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
081007-333	15	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/10/2007

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager

a8/scj



CHAIN OF CUSTODY RECORD

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS		REMARKS						
AIR MONITORING		POINT RUSTON LLC (STACK HILL)										
SAMPLERS (Signature)		TIM R.										
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER							
8/6/07	49TH					1	✓					
8/6/07	COURT					1	✓					
8/6/07	COMM					1	✓					
8/7/07	49TH					1	✓					
8/7/07	COURT					1	✓					
8/7/07	COMM					1	✓					
8/8/07	49TH					1	✓					
8/8/07	COURT					1	✓					
8/8/07	COMM					1	✓					
/												
Relinquished (Signature)			Date/Time		Received by: (Signature)			Lab		Shipped via: FedEx, UPS or Other _____ Air Bill # _____		
TIM R.			8/16/07 11:15.		[Signature]							
Relinquished (Signature)			Date/Time		Received by: (Signature)			Remarks				
Relinquished (Signature)			Date/Time		Received for Laboratory by: (Signature)			Date/Time		Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter		
Split Samples: [] Accepted [] Declined _____ Signature _____												

5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083



SPECTRA Laboratories

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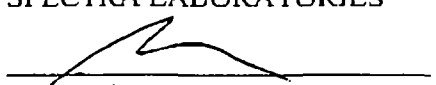
09/05/2007

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring/Stack Hill
Date Received: 08/22/2007
Spectra Project: 2007080338

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
081307-181	1	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/13/2007
081307-719	2	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/13/2007
081307-333	3	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/13/2007
081407-181	4	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/14/2007
081407-719	5	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/14/2007
081407-333	6	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/14/2007
081507-181	7	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/15/2007
081507-333	8	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/15/2007
081507-719	9	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/15/2007
081607-181	10	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/16/2007
081607-719	11	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/16/2007
081607-333	12	Arsenic	< 0.1	µg/m3	SW846 7060A	Air Cassette	08/16/2007

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager

u8/sej

2007080338.

POINT
RUSTON5215 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2195 Fax: 253-752-7083

CHAIN OF CUSTODY RECORD

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS		REMARKS														
AIR MONITORING		POINT RUSTON, L.L.C. (STACK HILL)																		
SAMPLERS: (Signature)																				
TIM R.																				
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER															
8/13/07	49TH				081307-181	1	✓													
8/13/07	COURT				081307-719	1	✓													
8/13/07	COMM				081307-333	1	✓													
8/14/07	49TH				081407-181	1	✓													
8/14/07	COURT				081407-719	1	✓													
8/14/07	COMM				081407-333	1	✓													
8/15/07	49TH				081507-181	1	✓													
8/15/07	COURT				081507-333	1	✓													
8/15/07	COMM				081507-719	1	✓													
8/16/07	49TH				081607-181	1	✓													
8/16/07	COURT				081607-719	1	✓													
8/16/07	COMM				081607-333	1	✓													
Relinquished (Signature)						Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other								
TIM R.						8/22/07 3:30		[Signature]		8/22/07 3:30		Air Bill #								
Relinquished (Signature)						Date/Time		Received by: (Signature)		Remarks										
Relinquished (Signature)						Date/Time		Received for Laboratory by: (Signature)		Date/Time		Enclosed:								
												<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter								
Split Samples:										<input type="checkbox"/> Accepted <input type="checkbox"/> Declined										
										Signature										

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-001
Client Sample ID: TSM0707430

Report Date: 08/28/07
Collection Date: 07/30/07 08:15
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.109	mg/L		0.005		E200.8	08/27/07 13:17 / sas
Copper	0.15	mg/L		0.01		E200.8	08/27/07 13:17 / sas
Zinc	0.03	mg/L		0.01		E200.8	08/27/07 13:17 / sas

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-002
Client Sample ID: TSM0707130

Report Date: 08/28/07
Collection Date: 07/30/07 08:45
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.040	mg/L		0.005		E200.8	08/27/07 13:52 / sas
Copper	ND	mg/L		0.01		E200.8	08/27/07 13:52 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 13:52 / sas

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-003
Client Sample ID: TSM0807406

Report Date: 08/28/07
Collection Date: 08/06/07 08:50
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.030	mg/L		0.005		E200.8	08/27/07 13:59 / sas
Copper	0.01	mg/L		0.01		E200.8	08/27/07 13:59 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 13:59 / sas

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-004
Client Sample ID: TSM0807106

Report Date: 08/28/07
Collection Date: 08/06/07 08:59
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.028	mg/L		0.005		E200.8	08/27/07 14:06 / sas
Copper	ND	mg/L		0.01		E200.8	08/27/07 14:06 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 14:06 / sas

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-005
Client Sample ID: TSM0807413

Report Date: 08/28/07
Collection Date: 08/13/07 10:15
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.033	mg/L		0.005		E200.8	08/27/07 14:13 / sas
Copper	0.02	mg/L		0.01		E200.8	08/27/07 14:13 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 14:13 / sas

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-006
Client Sample ID: TSM0807113

Report Date: 08/28/07
Collection Date: 08/13/07 10:40
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.033	mg/L		0.005		E200.8	08/27/07 14:35 / sas
Copper	ND	mg/L		0.01		E200.8	08/27/07 14:35 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 14:35 / sas

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-007
Client Sample ID: TSM0807420

Report Date: 08/28/07
Collection Date: 08/20/07 15:00
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.024	mg/L		0.005		E200.8	08/27/07 14:42 / sas
Copper	0.01	mg/L		0.01		E200.8	08/27/07 14:42 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 14:42 / sas

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Monitoring
Lab ID: B07082225-008
Client Sample ID: TSM0807120

Report Date: 08/28/07
Collection Date: 08/20/07 15:15
Date Received: 08/23/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.035	mg/L		0.005		E200.8	08/27/07 14:48 / sas
Copper	ND	mg/L		0.01		E200.8	08/27/07 14:48 / sas
Zinc	ND	mg/L		0.01		E200.8	08/27/07 14:48 / sas

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.